

SUPERFUND *in* CALIFORNIA



The United States

Environmental Protection Agency

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EPA Reduces San Fernando Valley Cleanup Costs by \$49 Million

While constructing remedy, EPA uses new information to save big bucks.

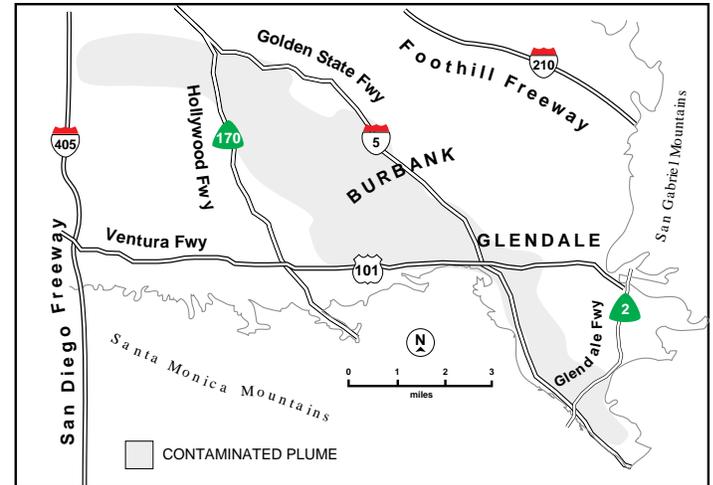
A Site Snapshot

The U.S. Environmental Protection Agency (EPA) has revised a component of the groundwater cleanup system at the Burbank Operable Unit saving \$49 million without sacrificing system effectiveness. This cost savings to the private

parties who are required to extract and treat the contamination plume comes after reviewing studies by those parties which showed equal effectiveness from a simpler treatment system.

The original cleanup method required the private parties to build and operate an extraction and treatment system for 20 years; 12,000 gallons per minute (gpm) were to be extracted and treated by this method. The treated water would then be used as drinking water by the City of Burbank, with the excess water reinjected into the aquifer.

The private parties were able to demonstrate in more recent studies that the



Boundaries of contaminated groundwater plume

extraction rate could be reduced to 9,000 gpm without harming the overall effectiveness of the system. This reduced extraction rate, therefore, eliminates the need for reinjection and saves the private parties \$49 million of a total projected site cost of approximately \$180 million.

EPA expects the system to be fully operational in January 1998 and able to treat more than 4.7 billion gallons of water annually.

Questions about the San Fernando Valley Superfund site should be directed to:

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San Fernando Valley Site Profile

Site Description

Groundwater basin

Site Size

*Contamination plume
13 square miles*

Primary Contaminants

*Trichloroethylene (TCE)
and Perchloroethylene
(PCE)*

Potential Range of Health Effects

Increased cancer risk

Nearby Population Affected

*Residential and business
areas, cities of Burbank,
Glendale, Los Angeles and
La Crescenta Water
District*

